

# Newsletter of the AFS Ontario Chapter



AMERICAN FISHERIES SOCIETY  
ONTARIO CHAPTER

## **President's Message**

Welcome to the inaugural newsletter of my term and for our new Newsletter Editor, Debbie DePasquale. I think you'll agree that Deb has ably met the high standards set by our former editor, Julianne Mayo.

This past summer, in addition to spending vacation time in the Kawarthas and on Lake Huron, I had a rare opportunity to visit both the east and west coasts of Canada. Thinking back on my travels, I'm reminded about the vastness of this country and the diversity of aquatic resources, resource users and potential issues. I observed salmon, mussel and oyster aquaculture on the coasts, both marine and freshwater commercial fishing fleets (some sitting idle), as well as anglers (avid and otherwise) on inland lakes.

It is daunting to think about how we, as fisheries professionals, can keep abreast of broader national resource issues. The Canadian Aquatic Resources Section (CARS) of AFS has been working to increase its role in providing a voice for Canadian issues within the AFS and with the federal government. On page 4 of this issue, you'll find a letter from CARS to the Canadian Wildlife Service on their proposal to ban lead sinkers and jigs.

Ontario Chapter Past President, Dave Stanley was recently elected Vice President of CARS. I'm sure that Dave will bring the same energy, enthusiasm and ideas to the national scene that he has to the Chapter. Dave's term is such that he will be President of CARS when AFS comes

to Ontario in 2008 – this will enable him to provide an important link to fisheries professionals across Canada as we prepare for Ottawa 2008. Congratulations Dave!

As part of their efforts to integrate AFS activities in Canada, CARS has modified its constitution to expand the ExComm to include representation from Society Chapters in Canada (North Pacific International Chapter, Ontario Chapter, and Atlantic International Chapter). It is proposed that the AFS-OC president would represent our chapter on CARS. This initiative will require an amendment of our chapter bylaws.

As both a former Northwestern and Southern Ontario Chapter member, I'm excited about the future of the Ontario Chapter, but recognize that we face similar challenges as CARS in providing an effective voice for members across this large province. As you are aware, the Chapter has decided to include a "Northern Member-at-Large" on the ExComm in order to better represent the views of northern members. This change also requires an amendment of our chapter bylaws. We are also exploring other ways to engage northern members – stay tuned!

If you haven't already done so, I'd encourage you to vote on these important initiatives. If you didn't receive email ballots, contact Rob Eakins ([webmaster@afs-oc.org](mailto:webmaster@afs-oc.org)).

Continued ...

## President's Message continued...

I'm looking forward to working with the current ExComm to continue building on some recent Chapter initiatives. We will continue to focus on providing networking opportunities and services for students and young professionals. We will also be exploring ways to increase AFS-OC participation and communications with AFS – North Central Division Technical Committees. Watch for more on both these initiatives in the next issue of the newsletter.

In this issue of the newsletter we celebrate the accomplishments of a number of our fellow AFS-OC members. Check out the articles about some of your colleagues who have been recognized by their peers. We highlight some recent publications in the Member Research section of the AFS-OC website (<http://www.afs-oc.org>). There is also a feature article on Chris Zhu, 2005 AFS Hutton Scholarship winner. If you have a co-worker or colleague who has been recognized for their accomplishments, help us to celebrate with them by contacting Deb DePasquale ([newsletter@afs-oc.org](mailto:newsletter@afs-oc.org)).

After this year's successful AGM, your ExComm is making plans to return to Orillia in 2006 – there's a first notice in this issue (and more info to come!). There are also a number of announcements of upcoming conferences and workshops that should be of interest to our members.

At the 2004 AFS meeting in Madison, the OC won the Outstanding Chapter Award (for chapters under 100 members). I'm pleased to announce that we are no longer eligible for that award since the Ontario Chapter membership is currently over 130 members, and growing! Watch upcoming newsletters for more membership information.

Don't forget to do your part to raise awareness of AFS. Post a copy of this Newsletter in your workplace or lab, circulate it to your co-workers and friends; encourage them to join the AFS, AFS-OC and CARS. You can also purchase AFS-OC merchandise, see page 9 of this newsletter!

Regards, Warren Dunlop



## Come Join Us at the AGM in Orillia

**When:** **March 2, 3, 4, 5, 2006** (Tentative)

**Where:** Orillia, Ontario

Based on the overwhelming success of the 2005 meeting the Executive Committee has decided to again hold our Annual General Meeting at the Geneva Park Conference Centre, located just outside of beautiful Orillia. The dates planned for the meeting are March 2<sup>nd</sup> to 5<sup>th</sup>, 2006, with the exact 2 day period to be determined by the results of the membership poll. The theme for this year's meeting has yet to be finalized but you can count on an exciting mix of talks from both seasoned professionals and students that will interest, excite and induce discussion.

## Make your Membership Count!

### ***Don't Forget to Vote for the AGM Date***

In order to attract as large and diverse a group as possible we are offering the AFS-OC membership an opportunity to **VOTE** for their preferential AGM days.

Do you have a preference for which day of the week the AGM is held?  
Would you rather have it on weekdays or weekends?

If you have an opinion, now is the time to voice it. If you haven't already done so, email voting for the timing of the AGM is being held right now and the closing date is fast approaching. If you didn't get the email but would still like to vote, contact Rob Eakins ([webmaster@afs-oc.org](mailto:webmaster@afs-oc.org)).

#### **Your choices are:**

- Option 1:** Thursday, March 2<sup>nd</sup> and Friday, March 3<sup>rd</sup>, 2006
- Option 2:** Friday, March 3<sup>rd</sup>, and Saturday, March 4<sup>th</sup>, 2006
- Option 3:** Saturday, March 4<sup>th</sup>, and Sunday, March 5<sup>th</sup>, 2006

**Closing date for voting** is Friday December 16<sup>th</sup>, 2005 at 5pm. Votes will be tallied and the winning dates announced shortly thereafter. Thank you for participating.

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### ***Don't Forget to Vote for Bylaw Changes***

Changes to the Bylaws are proposed to add a "Northern Member-at-Large" to the Executive Committee of the Ontario Chapter, as well as, a proposal that the President of the OC sit on the Canadian Aquatic Resources Section (CARS) ExComm as a full voting member.

You can view the proposed changes on the AFS-OC website (<http://www.afs-oc.org>).

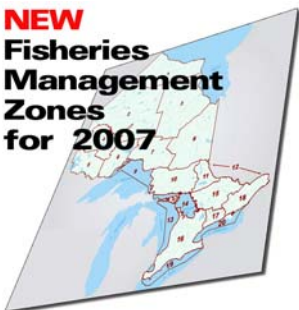
If you are an Ontario Chapter member and haven't received electronic ballots via email, contact Rob Eakins ([webmaster@afs-oc.org](mailto:webmaster@afs-oc.org)).

**Deadline date for voting** is Wednesday November 30th, 2005.

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## New Fisheries Management Direction for Ontario

### **NEW Fisheries Management Zones for 2007**



Dave Maraldo, OMNR Fisheries Section Manager gave a presentation on Ontario's proposed new Recreational Fisheries Management Framework at the March 2005 AFS-OC AGM (see the abstract in the AGM program on the AFS-OC website).

As part of the Framework, OMNR has announced new Fisheries Management Zones that will be implemented in 2007. You can find out more information about the Framework and download overview maps of the new zones at <http://www.mnr.gov.on.ca/MNR/fishing/fmz/index.html>.



## Canadian Aquatic Resources Section Responds to Proposed Federal Legislation to Ban Lead Fishing Tackle

The Honourable Stéphane Dion  
Minister of the Environment  
House of Commons,  
Ottawa, Ontario, K1A 0A6  
CANADA.

Dear Minister Dion:

I am writing on behalf of the leadership and members of the Canadian Aquatic Resources Section (CARS) of the American Fisheries Society (AFS) to respond to the invitation from the Canadian Wildlife Service (CWS) to comment on the draft *Fish Lead Free: A Regulatory Proposal*. This proposal would ban the use of lead sinkers and jigs in the waters of Canada. CARS members; comprised of fisheries managers, biologists, scientists, and students, have a keen interest in issues that impact fish, fisheries management, and fishing in Canada. The CWS goal to reduce lead toxicosis in fish and wildlife is laudable. Nevertheless, the proposed ban on the sale of lead sinkers, jigs, spinners, and spoons may not be the best vehicle to achieve this goal.

The Wildlife Society (WS) and the American Fisheries Society (AFS) have jointly struck a committee to prepare a paper entitled *Lead in the Environment and its Implication to Policy Makers and Fisheries and Wildlife Professionals*. The committee is currently preparing a thorough review of the technical literature dealing with all sources of lead that originate from the activities of sportsmen and sportswomen (hunting, angling, shooting sports, etc.) and to consider the implications for fisheries and wildlife policy makers. This comprehensive review is scheduled to be released during the summer of 2005 and should provide sound scientific underpinnings for several unresolved questions that arose in the CWS Occasional Paper 108 (OP 108). Given the CWS commitment to science-based decision-making and, further, given that OP108 does not establish an unassailable case that lead sinkers or lures pose a threat to the conservation of loons, waterfowl, or other wildlife, it would seem prudent to await the completion of the WSAFS

joint paper, prior to proceeding further with any regulatory proposals.

Clearly, if the WS-AFS review determines that significant conservation issues exist for animal populations as a result of lead fishing tackle, the logical next step to successfully reducing the incidence of lead toxicosis in fish and wildlife must be an open collaborative effort involving the Canadian and United States federal governments, the fishing tackle industry, and anglers. Professionals from the American Fisheries Society membership in both Canada and the U.S. are interested in working with you and your Department to reduce the incidence of lead toxicosis in fish and wildlife on both sides of the border. To this end, CARS-AFS is willing to: (1) provide a copy of the completed WS-AFS study report and recommendations immediately upon completion, (2) provide expertise from among our members to serve on committees or to consult with industry and the public to help resolve the issue of lead toxicosis in fish and wildlife and (3) assist with the dissemination of relevant information on this issue through our CARS website and newsletter.

The joint publication "**Fishing Lead Free**" produced by the CWS and Parks Canada is a good first step. Nevertheless, CARS suggests that a much larger and more cooperative effort involving expertise and parties on both sides of the Canada-U.S. border will be required to successfully resolve the issue of lead toxicosis in fish and wildlife populations. We thank you for providing this opportunity for CARS to comment on the draft regulatory proposal and we look forward to further discussion with you and your officials regarding options for coordinating efforts to resolve this important regulatory issue.

Sincerely,

Dr. C. I. Goddard  
President, CARS-AFS



## Congratulations! AFS-OC Members Receive Awards

### Dr. John Casselman wins the 2005 Mike Fruetel Memorial Award

Many AFS-OC members know Dr. John Casselman for his contagious enthusiasm for fisheries science and as a great teacher and mentor. John's colleagues at the OMNR's Annual Fisheries Research and Assessment Meeting recognized his ongoing contributions by presenting him with the 2005 Mike Fruetel Memorial Award.

Mike Fruetel was an exceptional biologist who, during his relatively short career, made significant contributions to Ontario's fisheries assessment program and was an active member of the Northwestern Ontario Chapter of AFS. The award is conferred annually upon a person or team working in the field of aquatic resource management who exemplifies qualities for which Mike is best remembered: passion for knowledge and understanding, an astute observer and analyst, enthusiastic, inspirational, a doer, and a teacher.

Get a small taste of John Casselman's passion for fisheries by checking out the article: "*Worldwide decline of eel resources necessitates immediate action: Québec Declaration of Concern*" available in the Member Research section of the AFS-OC website (<http://www.afs-oc.org>).



John Casselman (left) receives the Mike Fruetel Memorial Award from two of his nominators, Stephen Chong and Mark Ridgway.

### AFS-OC student representative wins 2005 Peter A. Larkin Memorial Student Travel Award



Lynn accepting her award from CARS President Dr. Kim Hyatt.

AFS-OC student representative Lynn Bouvier won a Peter A. Larkin Memorial Student Travel Award for 2005. The award supports a deserving graduate or exceptional undergraduate student from a Canadian University to attend the Annual Meeting of the American Fisheries Society. Successful applicants are chosen based on academic qualifications, relevance of their research to current fisheries issues in Canada, their intention to present a paper or poster at the conference, and their written response to the question of why they wish to attend. Lynn delivered an oral presentation at the 2005 AFS Annual Meeting in Anchorage, Alaska.

You can view Lynn's abstract in this issue's Student Award Winner section.



## More Awards

### **AFS members win the prestigious Ministry of Natural Resources P.R.I.D.E. Gold Award**

AFS members Nigel Lester, Brian Shuter (of the OMNR) and Peter Abrams (of the University of Toronto) recently received the Ministry of Natural Resources P.R.I.D.E. (People Recognizing Innovation Dedication and Enthusiasm) Gold Award for resolving a 50 year-old problem in theoretical and applied fisheries science. The Royal Society of London, the world's oldest scientific society, has published their research and their accomplishments have national and international ecological significance.

The Gold Award recognizes exceptional achievements, which are on the leading edge in their respective areas of expertise. These are achievements which "advance the yardsticks" for MNR, and which may have already achieved broader recognition

For a half a century, the von Bertalanffy growth model which has been used to understand how (1) abundance and distribution of fish stocks, (2) growth of fish, (3) survival, and (4) reproduction are linked to one another has worked reasonably well, but for the wrong reasons! Nigel, Brian and Peter assembled a research team and discovered a way to break down the model into its constituent parts in a way that had never been tried before.

The result is a new growth model that allows the theory of fish growth to be understood in a more fundamental way and make it possible to determine the reproductive rate of a population of fish in an entirely new way. This, in turn, now allows researchers to compare the reproductive performance of different fish populations.



*MNR P.R.I.D.E. Gold Award winners Peter Abrams, Brian Shuter, Nigel Lester with MNR Deputy Minister Gail Beggs, Assistant Deputy Minister Mike Willick and Cheryl Lewis, Manager of Aquatic Research. (photo credit: OMNR)*

To download the full article: "*Interpreting the von Bertalanffy model of somatic growth in fishes: the cost of reproduction*", visit the Member Research page on the AFS-OC website (<http://www.afs-oc.org>).

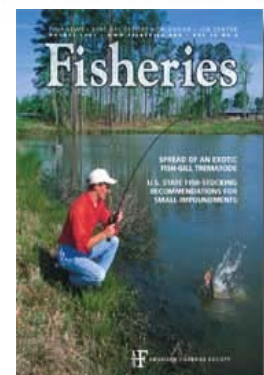
## Member Research

Two recent articles in the AFS publication *Fisheries* were authored by AFS-OC members.

In the July 2005 issue Steve Kerr and his co-authors published a review of the potential pathways for the introduction of invasive aquatic species in Ontario.

In the August 2005 issue, Al Rose published his analysis of COSEWIC data that demonstrates the impact of the conflict between economic growth and fisheries conservation on Canadian freshwater fisheries resources.

To access abstracts and full article PDF's locate the visit the Member Research page on the AFS-OC website (<http://www.afs-oc.org>).



## The 2005 Hutton Scholarship Winner

Chris Zhu, a senior at Leamington District High School, was chosen for the second year in a row to be one of 63 students to participate in the 2005 Hutton Junior Fisheries Biology Program sponsored by AFS. Chris has spent two summers working with Dr Tim Johnson at the Ontario Ministry of Natural Resources (OMNR) Lake Erie Fisheries Station in Wheatley.

During his 8 week placement, Chris worked alongside OMNR technicians and biologists to experience first hand the many aspects of fisheries research and management. Chris rode the vessels K.H. Loftus and Keenosay on Lake Erie, and assisted with laboratory experiments, sample processing, data entry and computer tasks. Chris was involved with many projects including a field experiment to assess invasive dreissenid mussel (zebra and quagga mussels) production with links to round goby predation and Avian botulism. This study had Chris working off the vessels to deploy and retrieve artificial substrates used to attract newly settled mussels, grow seeded and settled mussels, and inhibit predation on a subset of substrates with graded meshed to try to quantify the gross and net production of dreissenid mussels. Following the field work, Chris and others painstakingly counted, measured (lengths and weights),



*Chris using a bomb calorimeter for energy analysis of dreissenid mussels*

and performed tissue and energy analysis on mussels and other invertebrates colonising the substrates. In addition, Chris also helped OMNR technicians Vicki Lee and Christine Benoit, and University of Windsor M.Sc. student Gayathri Sreedharan conduct preliminary lab investigations into the development of a pheromone control strategy for round gobies. Pheromones are highly species specific attractants that will enable resource managers to capture and remove round gobies from newly invaded waterways (i.e. Pefferlaw Brook on Lake

Simcoe). Additionally, pheromone control will help reduce goby density in critical habitats where they are impacting native fish recruitment through egg predation (i.e. lake sturgeon, lake trout, small-mouth bass) or impacting species-at-risk through competitive displacement (darters, sculpins, and logperch). This project, funded by the EJLB Foundation, OMNR – COA, and Michigan Great Lakes Protection Fund, is seeking to develop a slow-release tablet containing natural chemicals produced by round gobies (pheromones) to attract other round gobies into traps so they can be removed from the system. Chris helped collect round gobies from the field by angling and performed daily inspections during olfactory choice experiments in a 6-m long flume and a 5-m diameter pool.



*Chris monitoring round gobies in a flume experiment*

Finally, the third major project Chris supported was to generate spatial coordinates for historical limnological data collected on Lake Erie since the 1950s and enter the information into a database suitable for analysis with ArcView.

"This summer has been the most rewarding and worthwhile summer of my life" Chris reported back to AFS at the end of 2004. Reflecting on his summer of 2005, Chris thanked AFS and everyone at OMNR ..... "you guys made my summers fun and meaningful". As Chris wraps up his last year of high school he is aiming "for a 90+ average so I can be ready for university ... heading towards biology".

Both Chris and Tim are grateful to AFS and the Hutton Program for establishing and maintaining such a unique and exciting opportunity for high school students to gain first-hand experience with the fisheries profession.

## Student Award Winner

Larkin Award winner Lynn Bouvier (see article on page 5) presented the following paper at the 2005 AFS Annual Meeting Anchorage, Alaska.

### Lynn Bouvier

Department of Integrated Biology, University of Guelph, Guelph, Ontario

### **Can Dikes Be Used To Maintain Fish Assemblages And Habitat In Coastal Wetlands In The Face Of Climate Change?**

Fish and habitat surveys were conducted in six paired coastal wetlands across the southern Great Lakes basin. Each pair consisted of a closed (diked or natural barrier) wetland and an adjacent open wetland. Each wetland was sampled in the spring and fall of 2003 and 2004 using a grid-based sampling design and multiple gear types.

Data from the closed and open wetlands were analyzed to determine if differences in habitat characteristics or fish assemblages exist. Analyses were also conducted to determine if dikes could be used to maintain water levels and fish habitat within a coastal wetland under low water level scenarios even though fish accessibility may be compromised. We used diversity indices to compare fish assemblages between corresponding closed and open wetlands. We also used multivariate statistical analysis to examine relationships between the fish species present and the physical and geographic characteristics across sites.

## 3rd Annual Kids' Fish Art Contest

The Ontario Ministry of Natural Resources, along with a number of corporate partners is sponsoring an artwork contest for the design of the Young Anglers License.



The contest is open to all grade four to twelve students who are residents of Ontario. There are a number of great prizes, including RESP's, fishing gear and a fishing trip. So, if you have any kids in your life who are interested in fish & art, get them involved in the Kids' Fish Art Contest.

**Contest deadline is December 20th, 2005.**

Rules, prize details, entry forms and more information can be found on the contest website:

<http://www.fishandwildlife.mnr.gov.on.ca/spectrasites/internet/fw/contest/contest.cfm>

## Website Updates

The North Central Division and the Canadian Aquatic Resources Section have recently updated their websites including new web addresses. Both sites are under construction so check back often.

AFS North Central Division (NCD) website: <http://www.ncd-afs.org/>

AFS Canadian Aquatic Resources Section (CARS) website: <http://www.canadianaquaticresources.org/>



## Announcements

### Volunteers Needed to Help Stock the West Credit River

**When/Where:** Wednesday, **November 16th** (10 am - 1 pm) meet at Belfountain Conservation Area

**When/Where:** Thursday, **November 17th** (Confirm time with Mark Heaton) meet at Forks of the Credit Provincial Park

**Description:** Volunteers will be helping stock the West Credit with Atlantic Salmon fingerlings. This activity is part of a broad initiative to restore this heritage fish to Lake Ontario. Waders will be provided.

**Contact:** Confirm interest with Mark Heaton (416) 993-1295 or [mark.heaton@mnr.gov.on.ca](mailto:mark.heaton@mnr.gov.on.ca).

### A New Year... A New Column

#### Watch for our new report column "*The View From Up Here*"

Beginning with our winter newsletter keep a watch for an informative and exciting new column from our northern counterparts.

One of the ExComm's most ambitious undertakings for the past two years has been the amalgamation of AFS representation across Ontario. The scope of our AFS Southern Ontario Chapter has been broadened to encompass all of Ontario and our northern fisheries practitioners. Well ...We have arrived!

Now that we are officially the AFS Ontario Chapter, our President-Elect, Mr. Bill Gardner, has decided to develop a new *northern perspective* column entitled "*The View From Up Here*". Entertaining Ontario Chapter members with his unique style and charm, Bill will highlight our northern membership and some of the work taking place in northern Ontario locales.

Keep a close watch for the Winter 2006 debut of "*The View From Up Here*".

### AFS-OC Swag! Get your hats and pins here!

**Impress your friends and colleagues—Support your AFS-OC now!**  
AFS-OC baseball hats and lapel pins are now available for purchase from your Executive Committee.



**Cost:** Baseball Hat \$20.00  
Lapel Pin \$3.00



If you would like to place an order for a baseball hat or lapel pin, please contact Warren Dunlop ([president@afs-oc.org](mailto:president@afs-oc.org)) or Heather Lynn ([secretary@afs-oc.org](mailto:secretary@afs-oc.org)).

## Workshops and Conferences

### Grand River Tailwater Fisheries Research Symposium: Making a Connection Between Management & Research

**When:** November 24, 2005

**Where:** Grand River Conservation Authority Office, Cambridge, Ontario

Join the Grand River Tailwater Management Plan Implementation Committee partners in an interactive workshop. Learn about the management of a World-Class brown trout fishery and participate in discussions with fishery managers to help make the future of the Grand River brown trout fishery even better.

**We can provide researchers and volunteers:**

- *Information about the world-class brown trout fishery*
- *agency cooperation to complete projects of interest*
- *excellent research questions for all levels of students*
- *some funding for certain research projects*
- *long-range data in a number of areas*
- *an opportunity to be part of a fisheries success story*
- *a free lunch and interesting discussion*

For further information or to register for this **FREE** symposium visit <http://www.grandriver.ca> or contact Steve May at [smay@grandriver.ca](mailto:smay@grandriver.ca) or (519) 621-2763 x300.

**Please pre-register prior to November 1, 2005. Register early as spaces are limited!**

### A.D. Latornell Conservation Symposium

**When:** November 16, 17, 18, 2005

**Where:** Nottawasaga Inn, Alliston, Ontario



Find out what the Conservation Authorities are all about. The A.D. Latornell Conservation Symposium focuses on sustainable resource protection, planning and use by highlighting the work of Ontario's Conservation Authorities and our academic science community.

Hear the latest in resource planning, development and protection along with new source water advancements and legislation. Find out how to develop and encourage stewardship in your community through mentoring and program development. Participate or listen to graduate students discuss their latest research. The A.D. Latornell Conservation Symposium attracts over 800 delegates including international researchers and practitioners, conservation authorities, federal and provincial agencies, municipalities, university students, private businesses and community groups. The theme for this year's symposium is Healthy Waters, Healthy Communities. It will explore the important links between water and health across a number of different sectors, including source water protection, natural heritage, sustainable planning, forests, fisheries and land management.

For more information, check out the Latornell website (<http://www.latornell.ca/>).

## **MORE... Workshops and Conferences**

### **CCFFR - Canada's Premiere Fisheries Conference**

**When:** January 5, 6, 7, 2006

**Where:** Calgary, Alberta

The largest *Canadian* fisheries conference is held each year to encourage students and researchers alike to share their latest findings.

The first meeting of the Canadian Committee on Freshwater Fisheries Research (CCFFR) was held in Ottawa on January 6, 1948. CCFFR remains the premiere Canadian forum for the scientific discussion and exchange of ideas amongst some of Canada's most prominent fisheries researchers, from government and universities alike.

The Clemens Rigler Travel Fund, initiated in 1973, offers graduate student support for attendance and participation in CCFFR.

Coordinators have extended the Call For Abstracts Deadline to November 18th, 2005. Visit the conference website (<http://www.phys.ocean.dal.ca/ccffr/>).

### **ROM Fish ID Course**

**When:** April 26, 27, 28, 2006 (Tentative)

**Where:** Toronto, Ontario

Once again the Royal Ontario Museum is holding their annual fish identification course. Coordinated by curator Erling Holm, this year's event is planned for April 26-28. Should registration fill up, a tentative second course is planned for May 1-3.

Check the Winter 2006 Newsletter for updated information or confirm course dates with the ROM as the time approaches.

### **Electrofishing Training**

Looking for Electrofishing Training?... Keep a close watch at <http://www.trentu.ca/wsc/training.shtml>.

The Class 1 Electrofishing training course is generally held in May at Fleming College, School of Natural Resources in Lindsay, Ontario.

Registration fills up quickly so watch the Watershed Science Centre website or contact the course coordinator Leslie Collins for May 2006 offerings.

Leslie Collins, Course Coordinator  
Watershed Science Centre, Trent University, Symons Campus  
1600 West Bank Dr., Peterborough, ON K9J 7B8  
Phone: (705) 755-2269 Fax: (705) 755-2276  
E-mail: [lcollins@trentu.ca](mailto:lcollins@trentu.ca)



## MORE... Workshops and Conferences

### Environmental Challenges in the Boreal Shield

**When:** February 22, 2006

**Where:** Laurentian University, Sudbury, Ontario

Participate in the 2006 Sudbury Restoration Workshop. Join plenary speakers who will be discussing industrial development and ecological restoration in Ontario's north country. Workshop themes will include: "Stressed Aquatic Ecosystems", "Conservation and Restoration Ecology", and "Sustainable Terrestrial Ecosystems".

There is a \$500 prize for best student poster!

For more details and registration information contact: [restorationworkshop@laurentian.ca](mailto:restorationworkshop@laurentian.ca)

### 41st Central Canadian Symposium on Water Quality Research

**When:** February 13, 14, 2006

**Where:** Canadian Centre for Inland Waters, Burlington, Ontario

Contributions from all aspects of water quality research are welcomed.

To obtain an Abstract Information Form, a Registration Form, or to be placed on the mailing list for updates, contact Morgan Boenke at [Morgan.Boenke@ec.gc.ca](mailto:Morgan.Boenke@ec.gc.ca) or Tel.: (905) 336-4678.



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### 2005/06 AFS-OC Executive Committee

<b>President</b>	Warren Dunlop	<b>Vice President</b>	Jon Clayton
<b>President-Elect</b>	Bill Gardner	<b>Past-President</b>	Dave Stanley
<b>Secretary</b>	Heather Lynn	<b>Treasurer</b>	Shari Wiseman
<b>Membership Chair</b>	Dave Stanley	<b>Newsletter Editor</b>	Debbie DePasquale
<b>Webmaster</b>	Rob Eakins	<b>Education Committee Chair</b>	Jennifer Wright

To contact any member of the Executive Committee visit our website (<http://www.afs-oc.org>).

<b>Student Representatives</b>	Lynn Bouvier (University of Guelph)
	Andrea Bernard (University of Guelph)
	Andrew Drake (University of Waterloo)
	Mark Poos (University of Toronto)
	Bill MacLeod (Fleming College)
	Shari Sokay (Fleming College)